WEST

Freeform Search

Database:
```
US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
```

Term:
```
L7 and boundary with scan$4 and (global or system
or core or main)near2 (clock$3 or timing or sync
or synchron$7 or sinchron$7) and intern$4 near(bus
or line)with (test$3 or debug$4) and register with
```

Display: `20` Documents in **Display Format:** `-` **Starting with Number** `1`

Generate: ○ **Hit List** ◉ **Hit Count** ○ **Side by Side** ○ **Image**

| Search | Clear | Help | Logout | Interrupt |

| Main Menu | Show S Numbers | Edit S Numbers | Preferences | Cases |

Search History

DATE: Friday, April 18, 2003   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L9	('5812830'| '5951696'| '5701308')[ABPN1,NRPN,PN,TBAN,WKU]	6	L9
L8	L7 and boundary with scan$4 and (global or system or core or main)near2 (clock$3 or timing or sync or synchron$7 or sinchron$7) and intern$4 near(bus or line)with (test$3 or debug$4) and register with (instruct$3 or command$3) and (skew$3 or de$1skew$3)	3	L8
L7	L6 and boundary with scan$4 and (global or system or core or main)near2 (clock$3 or timing or sync or synchron$7 or sinchron$7) and intern$4 near(bus or line) and register with (instruct$3 or command$3) and (skew$3 or de$1skew$3) and (test$3 or debug$4)	38	L7
L6	L5 and boundary with scan$4 and (global or system or core or main)near2 (clock$3 or timing or sync or synchron$7 or sinchron$7) and (bus or line) and register with (instruct$3 or command$3) and (skew$3 or de$1skew$3) and (test$3 or debug$4)	87	L6
L5	L4 and boundary with scan$4 and (global or system or core or main)near2 (clock$3 or timing or sync or synchron$7 or sinchron$7) and (bus or line) and register with (instruct$3 or command$3) and (skew$3 or de$1skew$3)	87	L5
L4	L3 and boundary with scan$4 and (global or system or core or main)near2 (clock$3 or timing or sync or synchron$7 or sinchron$7) and (bus or line) and register with (instruct$3 or command$3)	284	L4
L3	L2 and boundary with scan$4 and (global or system or core or main)near2 (clock$3 or timing or sync or synchron$7 or sinchron$7)	509	L3
L2	L1 and boundary with scan$4	1895	L2
L1	ieee$1149$2	134151	L1

END OF SEARCH HISTORY

WEST Search History

DATE: Wednesday, October 15, 2003

Set Name side by side	Query	Hit Count	Set Name result set
	DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L9	('5812830'| '5951696'| '5701308')[ABPN1,NRPN,PN,TBAN,WKU]	6	L9
L8	(('5812830'| '5951696'| '5701308')[ABPN1,NRPN,PN,TBAN,WKU]) AnD ((@pd > 20030418)!)	0	L8
L7	(L6 and boundary with scan$4 and (global or system or core or main)near2 (clock$3 or timing or sync or synchron$7 or sinchron$7) and (bus or line) and register with (instruct$3 or command$3) and (skew$3 or de$1skew$3) and (test$3 or debug$4)) AnD ((@pd > 20030418)!)	10	L7
L6	(L5 and boundary with scan$4 and (global or system or core or main)near2 (clock$3 or timing or sync or synchron$7 or sinchron$7) and (bus or line) and register with (instruct$3 or command$3) and (skew$3 or de$1skew$3)) AnD ((@pd > 20030418)!)	10	L6
L5	(L4 and boundary with scan$4 and (global or system or core or main)near2 (clock$3 or timing or sync or synchron$7 or sinchron$7) and (bus or line) and register with (instruct$3 or command$3)) AnD ((@pd > 20030418)!)	33	L5
L4	(L3 and boundary with scan$4 and (global or system or core or main)near2 (clock$3 or timing or sync or synchron$7 or sinchron$7)) AnD ((@pd > 20030418)!)	65	L4
L3	(L2 and boundary with scan$4) AnD ((@pd > 20030418)!)	216	L3
L2	(ieee$1149$2) AnD ((@pd > 20030418)!)	11544	L2
L1	6181151.pn.	2	L1

END OF SEARCH HISTORY

WEST Search History

| Hide Items | Restore | Clear | Cancel |

DATE: Tuesday, January 27, 2004

Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	
☐	L19	('6665816')!.ABPN1,NRPN,PN,TBAN,WKU.	2
		DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	
☐	L18	(('5812830'| '5951696'| '5701308') [ABPN1,NRPN,PN,TBAN,WKU]) and @pd > 20031015	0
☐	L17	(L15 and boundary with scan$4 and (global or system or core or main)near2 (clock$3 or timing or sync or synchron$7 or sinchron$7) and intern$4 near(bus or line)with (test$3 or debug$4) and register with (instruct$3 or command$3) and (skew$3 or de$1skew$3)) and @pd > 20031015	0
☐	L16	(L14 and boundary with scan$4 and (global or system or core or main)near2 (clock$3 or timing or sync or synchron$7 or sinchron$7) and intern$4 near(bus or line) and register with (instruct$3 or command$3) and (skew$3 or de$1skew$3) and (test$3 or debug$4)) and @pd > 20031015	3
☐	L15	(L13 and boundary with scan$4 and (global or system or core or main)near2 (clock$3 or timing or sync or synchron$7 or sinchron$7) and (bus or line) and register with (instruct$3 or command$3) and (skew$3 or de$1skew$3) and (test$3 or debug$4)) and @pd > 20031015	0
☐	L14	(L12 and boundary with scan$4 and (global or system or core or main)near2 (clock$3 or timing or sync or synchron$7 or sinchron$7) and (bus or line) and register with (instruct$3 or command$3) and (skew$3 or de$1skew$3)) and @pd > 20031015	3
☐	L13	(L11 and boundary with scan$4 and (global or system or core or main)near2 (clock$3 or timing or sync or synchron$7 or sinchron$7) and (bus or line) and register with (instruct$3 or command$3)) and @pd > 20031015	0
☐	L12	(L10 and boundary with scan$4 and (global or system or core or main)near2 (clock$3 or timing or sync or synchron$7 or sinchron$7)) and @pd > 20031015	40
☐	L11	(L9 and boundary with scan$4) and @pd > 20031015	0
☐	L10	(ieee$1149$2) and @pd > 20031015	6460
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	
☐	L9	('6014752')!.PN.	2
☐	L8	14 and 'tap' with control$4 with '1149' with (state or machine) and sync	0
☐	L7	14 and 'tap' with control$4 with '1149' with (state or machine) and skew$3	0
☐	L6	14 and 'tap' with control$4 with '1149' with (state or machine) and de$2skew$3	0
☐	L5	14 and 'tap' with control$4 with '1149' with (state or machine) same de$2skew$3	0
☐	L4	11 and 'tap' with control$4 with '1149' with (state or machine)	17
☐	L3	11 and 'tap' with control$4 with '1149' and finite near3 (state or machine)	0

h   e   b   b   cg   b   chh   e   ef   f   ff   e   ch   e   g   e

☐   L2   l1 and 'tap' with control$4 with '1149' same finite near3 (state or machine)   0

☐   L1   'tap' with control$4 with '1149'   20

END OF SEARCH HISTORY

h   e b   b   cg b   chh   e   ef   f ff e   ch   e   g   e

WEST

☐ | Generate Collection | | Print |

DOCUMENT-IDENTIFIER: US 6373900 B1
TITLE: Multi-pair transceiver decoder system with low computation slicer

US PATENT NO. (1):
6373900

Detailed Description Text (27):
In the illustrated embodiment of the gigabit transceiver of FIG. 2, the trellis
decoder 38 suitably includes an 8-state Viterbi decoder for symbol decoding, and
incorporates circuitry which implements a decision-feedback sequence estimation
approach in order to compensate the ISI components perturbing the signal which
represents transmitted symbols. The 4D output 40 of the trellis decoder 38 is
provided to the receive section 204R of the PCS block. The receive section 204R of
PCS block de-scrambles and further decodes the symbol stream and then passes the
decoded packets and idle stream to the receive section of the GMII block 202 for
transfer to the MAC module.